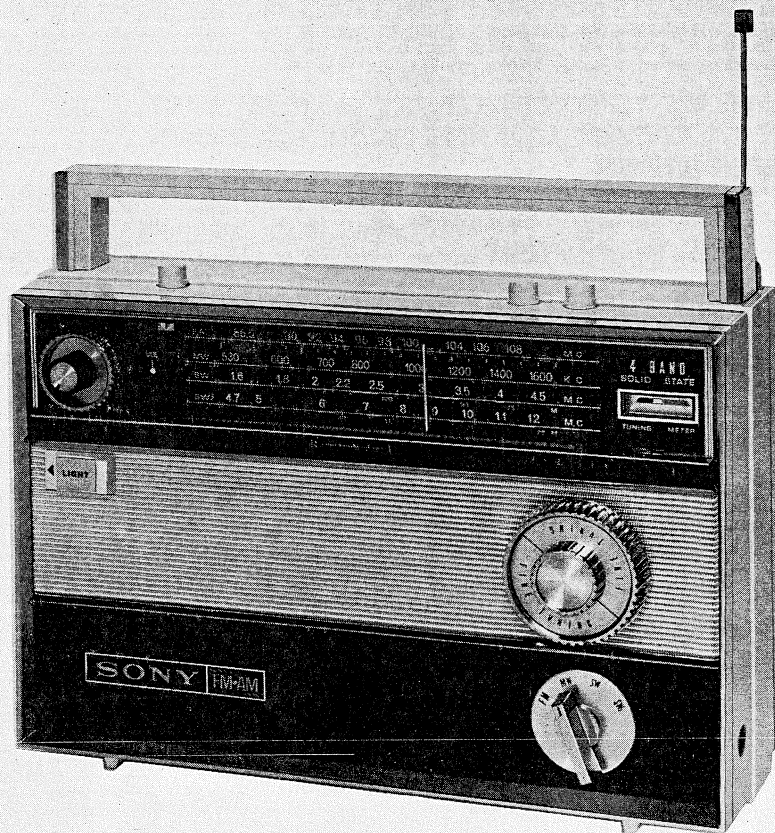


TFM-1000W



Specifications

Circuit:	14 Transistor Superheterodyne
Frequency Coverage:	FM 86.5~108 Mc (3.53~2.73 m) MW 530~1,605 Kc (566~187 m) SW ₁ 1.6~4.5 Mc (187.5~66.5 m) SW ₂ 4.7~12 Mc (63.8~25 m)
Antenna System:	FM/SW Built-in Telescopic Antenna MW Built-in Ferrite Bar Antenna Jack for Wire Antenna
Intermediate Frequency:	FM 10.7 Mc, AM 455 Kc
Maximum Sensitivity: (at 10 mW output)	FM 0.95 μ V, MW 27 μ V/m SW ₁ 1.8 μ V, SW ₂ 1.6 μ V
Selectivity:	31 dB at 10 Kc off resonance, at 1,400 Kc
Output Power:	820 mW (undistorted) 1.3 W (maximum)
Current Drain:	26 mA (FM/AM) at zero signal, 250 mA at 820 mW output
Speaker:	10 \times 15 cm (4 \times 6") PM dynamic, 8 Ω
Power Source:	Four "D" Size Flashlight Batteries, 6V in total or House Current by using SONY AC Power Adaptor
Dimensions:	218(H) \times 264(W) \times 103(D) mm (8.9/16 \times 10.3/8 \times 4.1/16")
Weight:	2.54 Kgs. (5.6 lbs) with Batteries

SONY®
SERVICING GUIDE

Removal of Chassis

- (1) Remove the two Back Cover Holding Screws and open the Back Cover. Take out all the Batteries.
- (2) Remove the Tuning, Fine Tuning, Band Setting, Volume Control, and Tone Control Knobs by pulling them out.
- (3) Push the Local, AFC, and Power Switch Buttons.
- (4) Remove the five Nuts marked with \triangle shown in Fig. 1 and 2.
- (5) Unsolder the five leads marked with \blacktriangle shown in Fig. 2.
- (6) Unsolder the Blue leads at the Volume Control coming from the AUX in Jack.
- (7) Remove the Chassis from the Cabinet gently taking care not to cut the leads.

Removal of CP Circuit Board

- (1) Remove the four Screws marked with \bigcirc shown in Fig. 2.
- (2) Unsolder all the leads on the CP Circuit Board coming from the IF Circuit Board, MW Ferrite Bar Antenna Coil, and FM Tuner.
- (3) Remove the CP Circuit Board from the Chassis gently taking care not to cut the leads.

Removal of FM Tuner Circuit Board (FMC-6AW)

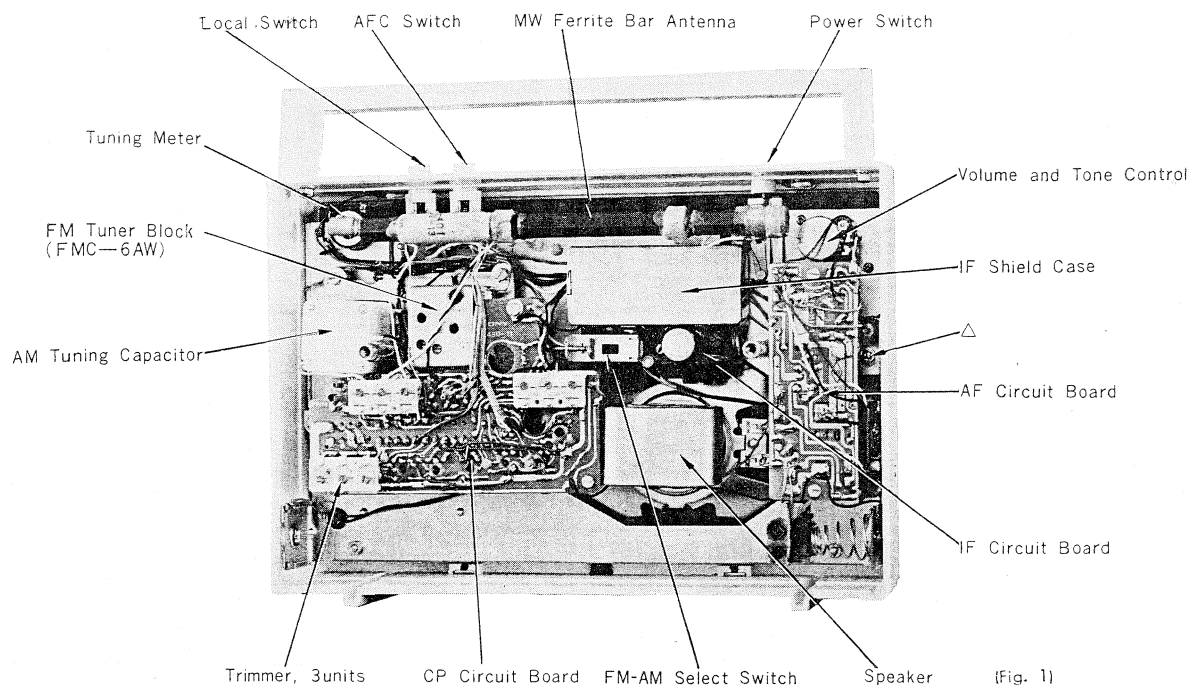
- (1) Remove the CP Circuit Board.
- (2) Unsolder all the leads at the FM Tuner and AM Tuning Capacitor.
- (3) Remove the four Sub-Chassis Holding Screws. (Two of them are marked with \bullet in Fig. 2).
- (4) Remove the Sub-Chassis from the Chassis gently taking care not to cut the Dial Cord.
- (5) Remove the Tuner Gear Holding Screw at the FM Tuning Capacitor.
- (6) Remove the Tuner Gear at the FM Tuning Capacitor.
- (7) Remove the four FM Tuner (FMC-6AW) Holding Screws. The FM Tuner (FMC-6AW) can now be removed.

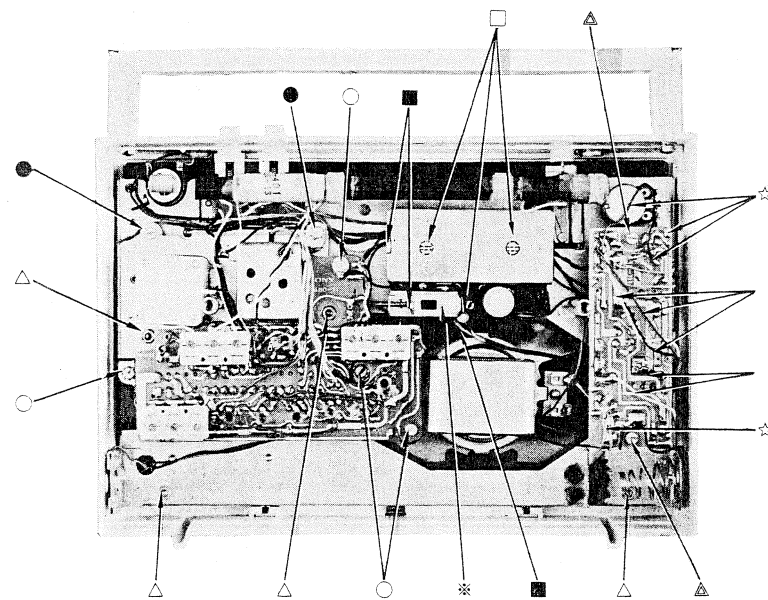
Removal of IF Circuit Board

- (1) Unsolder the IF Shield Case Cover, FM-AM Select Switch Plate and Coaxial Cable marked with \blacksquare shown in Fig. 2.
- (2) Take out the FM-AM Select Switch Plate marked with \times shown in Fig. 2.
- (3) Remove the two FM-AM Select Switch Bracket Holding Screws.
- (4) Remove the three Screws marked with \square shown in Fig. 2.
- (5) Remove the IF Circuit Board from Chassis gently taking care not to cut the leads.

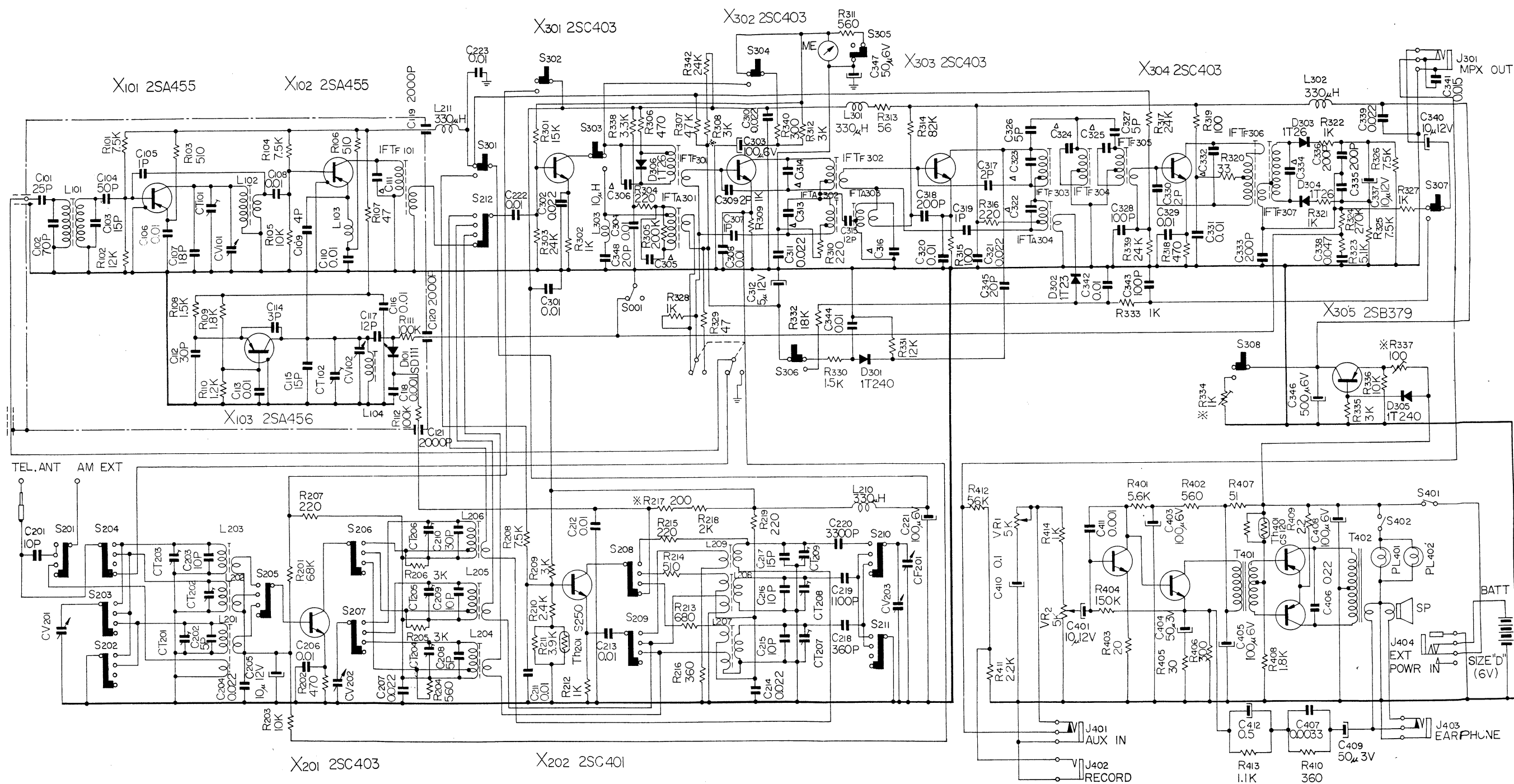
Removal of AF Circuit Board

- (1) Remove the two Screws marked with \triangle shown in Fig. 2.
- (2) Unsolder the four leads on the AF Circuit Board marked with \star shown in Fig. 2.





Circuit Schematic



※ To be Adjusted

Capacitors marked with "Δ" are built in relative IF Transformers

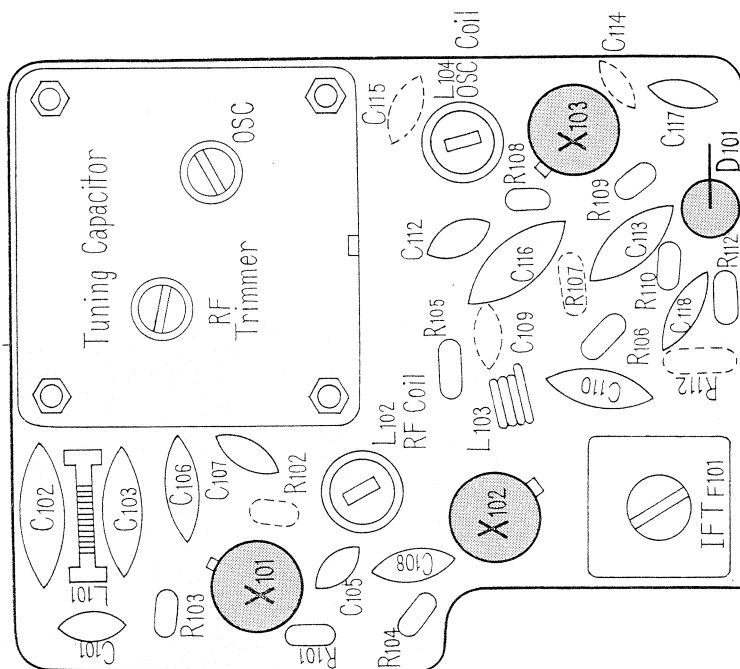
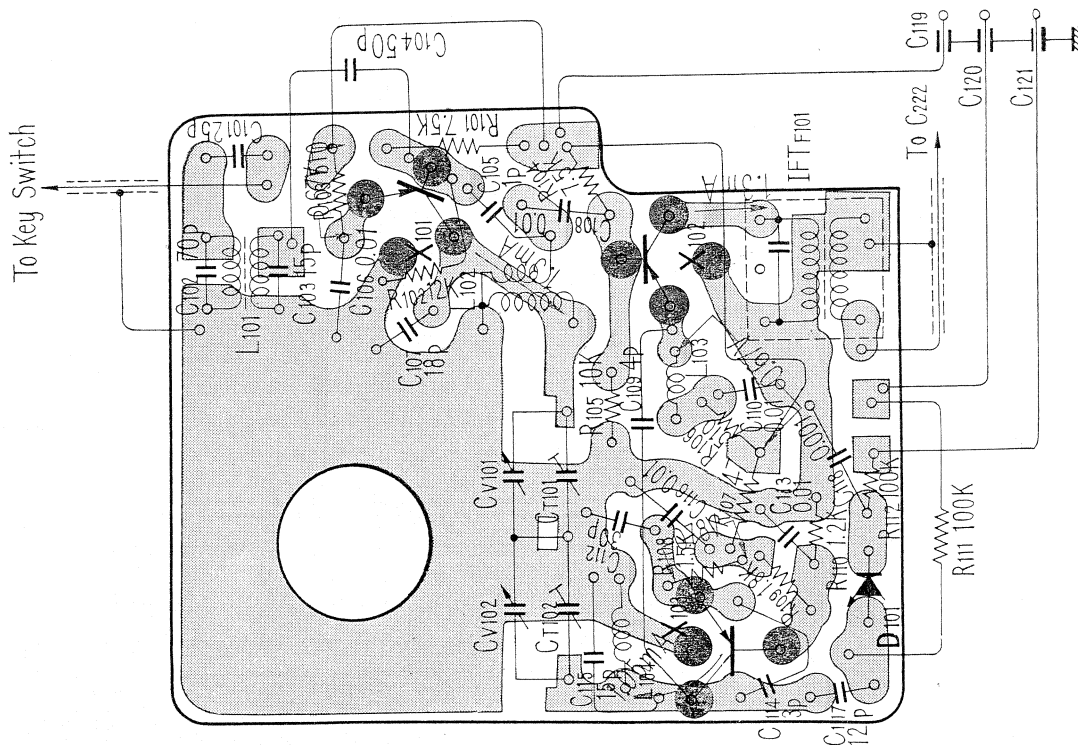
X401 2SC402 X402 2SC401 X403,404 2SB383x2

Mounting Diagram

FM Tuner Section (FMC-6AW)

—Printed Side—

—Parts Side—



AM Coil Pack Section

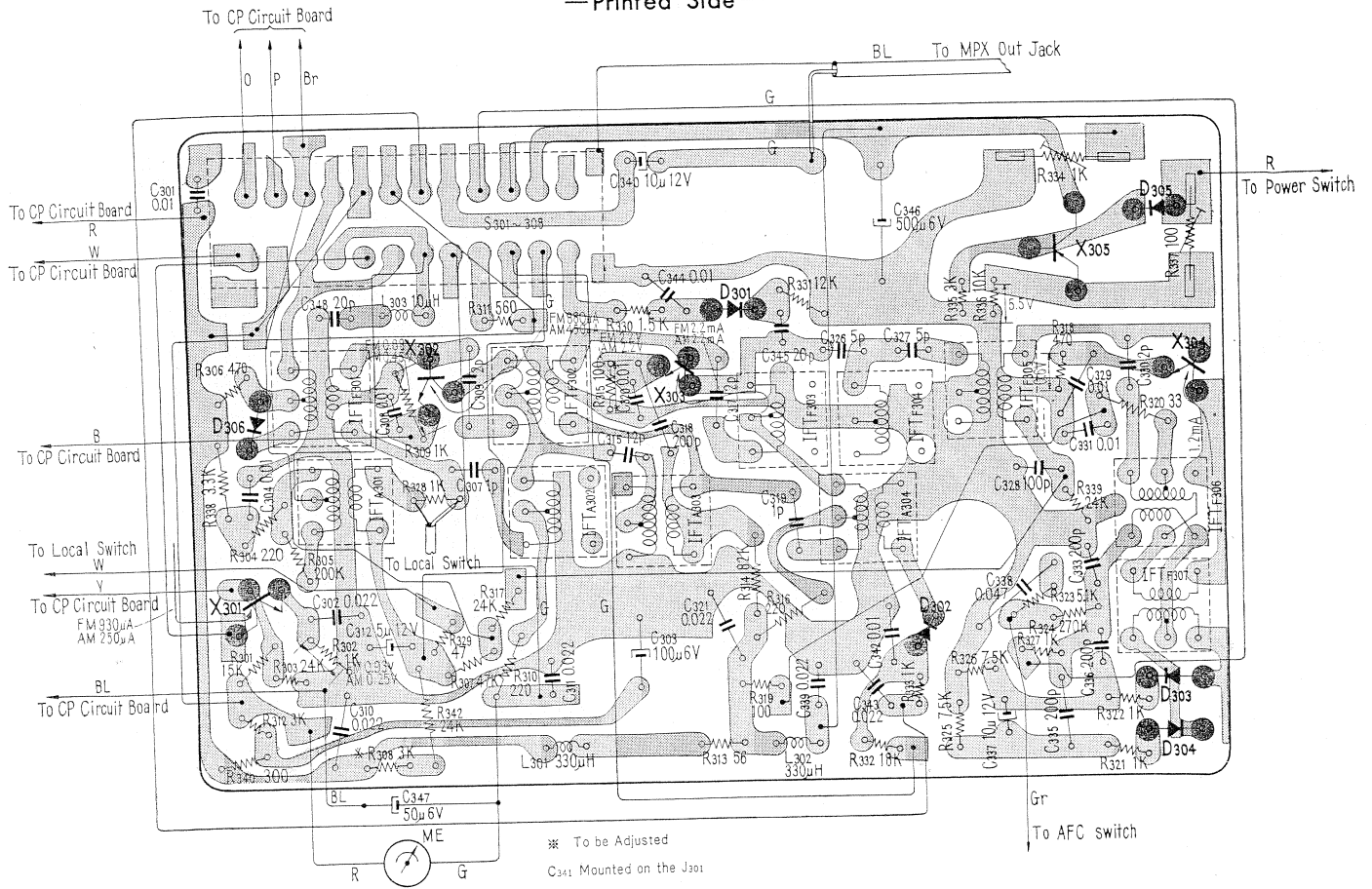
The diagram shows a complex circuit board layout for a radio receiver. Key components and connections include:

- External Connections:**
 - To Telescopic Antenna (R)
 - To AM EXT Ant Jack (W)
 - To Local Switch (W)
 - To FM Tuner (Br)
 - To FM Tuner (R)
 - To IF Circuit Board (Br)
 - To IF Shield Case (BL)
 - To IF Circuit Board (W, B, Y)
 - To IF Circuit Board (BL)
 - To IF Circuit Board (R)
 - To IF Circuit Board (O)
 - To IF Circuit Board (P)
- Internal Components and Labels:**
 - Capacitors: CF200, CV203, CV202, CV201, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C218, C219, C220, C221, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247, C248, C249, C250, C251, C252, C253, C254, C255, C256, C257, C258, C259, C260, C261, C262, C263, C264, C265, C266, C267, C268, C269, C270, C271, C272, C273, C274, C275, C276, C277, C278, C279, C280, C281, C282, C283, C284, C285, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295, C296, C297, C298, C299, C300, C301, C302, C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331, C332, C333, C334, C335, C336, C337, C338, C339, C340, C341, C342, C343, C344, C345, C346, C347, C348, C349, C350, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C370, C371, C372, C373, C374, C375, C376, C377, C378, C379, C380, C381, C382, C383, C384, C385, C386, C387, C388, C389, C390, C391, C392, C393, C394, C395, C396, C397, C398, C399, C400, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C466, C467, C468, C469, C470, C471, C472, C473, C474, C475, C476, C477, C478, C479, C480, C481, C482, C483, C484, C485, C486, C487, C488, C489, C490, C491, C492, C493, C494, C495, C496, C497, C498, C499, C500, C501, C502, C503, C504, C505, C506, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C517, C518, C519, C520, C521, C522, C523, C524, C525, C526, C527, C528, C529, C530, C531, C532, C533, C534, C535, C536, C537, C538, C539, C540, C541, C542, C543, C544, C545, C546, C547, C548, C549, C550, C551, C552, C553, C554, C555, C556, C557, C558, C559, C560, C561, C562, C563, C564, C565, C566, C567, C568, C569, C570, C571, C572, C573, C574, C575, C576, C577, C578, C579, C580, C581, C582, C583, C584, C585, C586, C587, C588, C589, C590, C591, C592, C593, C594, C595, C596, C597, C598, C599, C600, C601, C602, C603, C604, C605, C606, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C

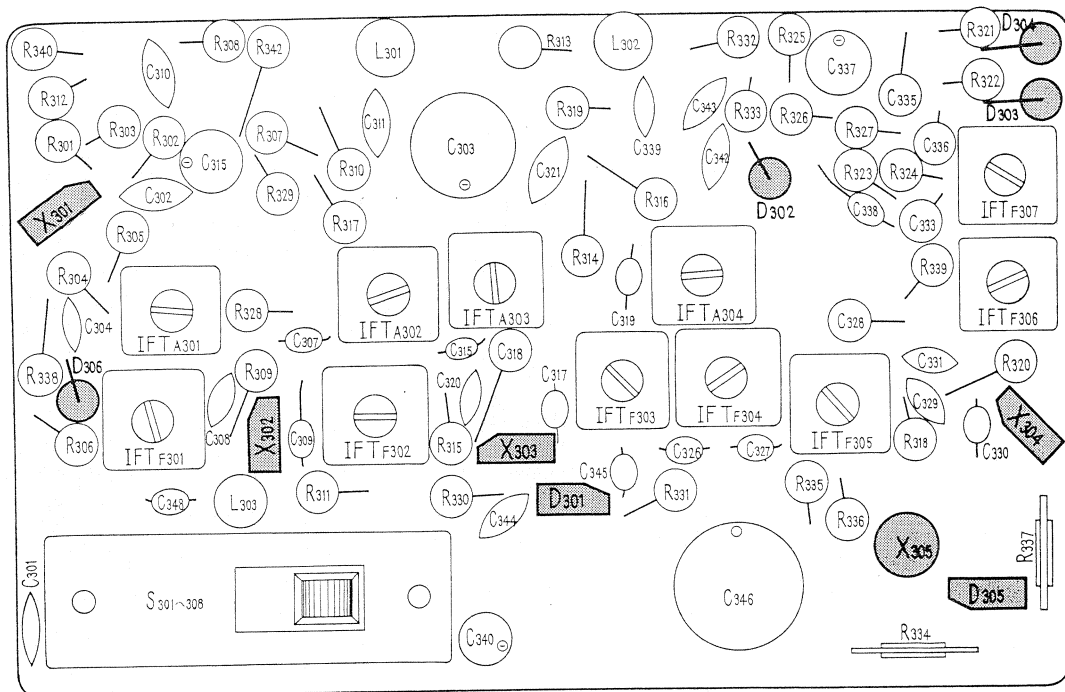
Mounting Diagram

IF Section

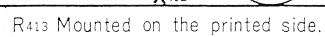
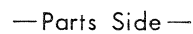
—Printed Side—



—Parts Side—

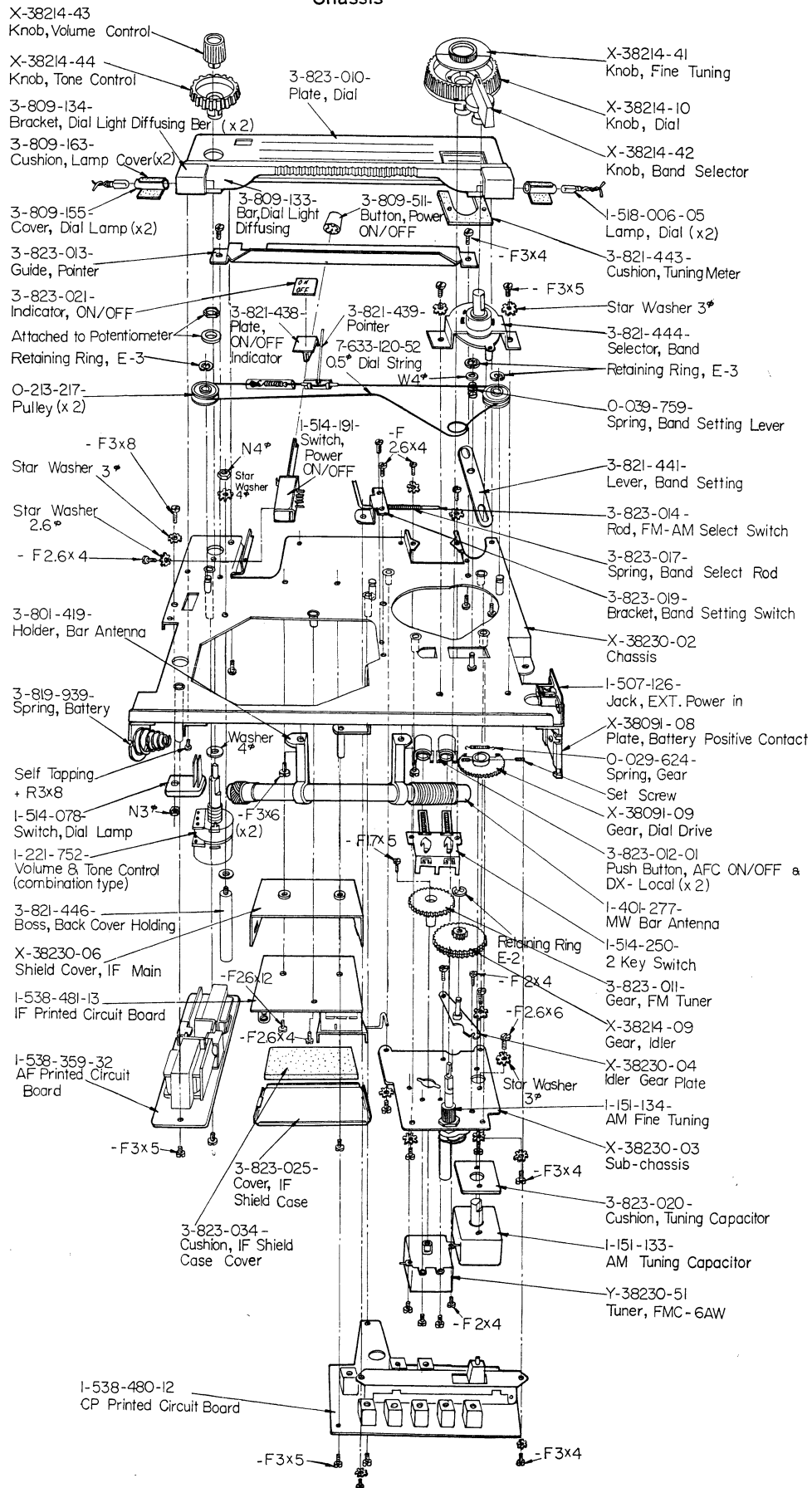


—Printed Side—



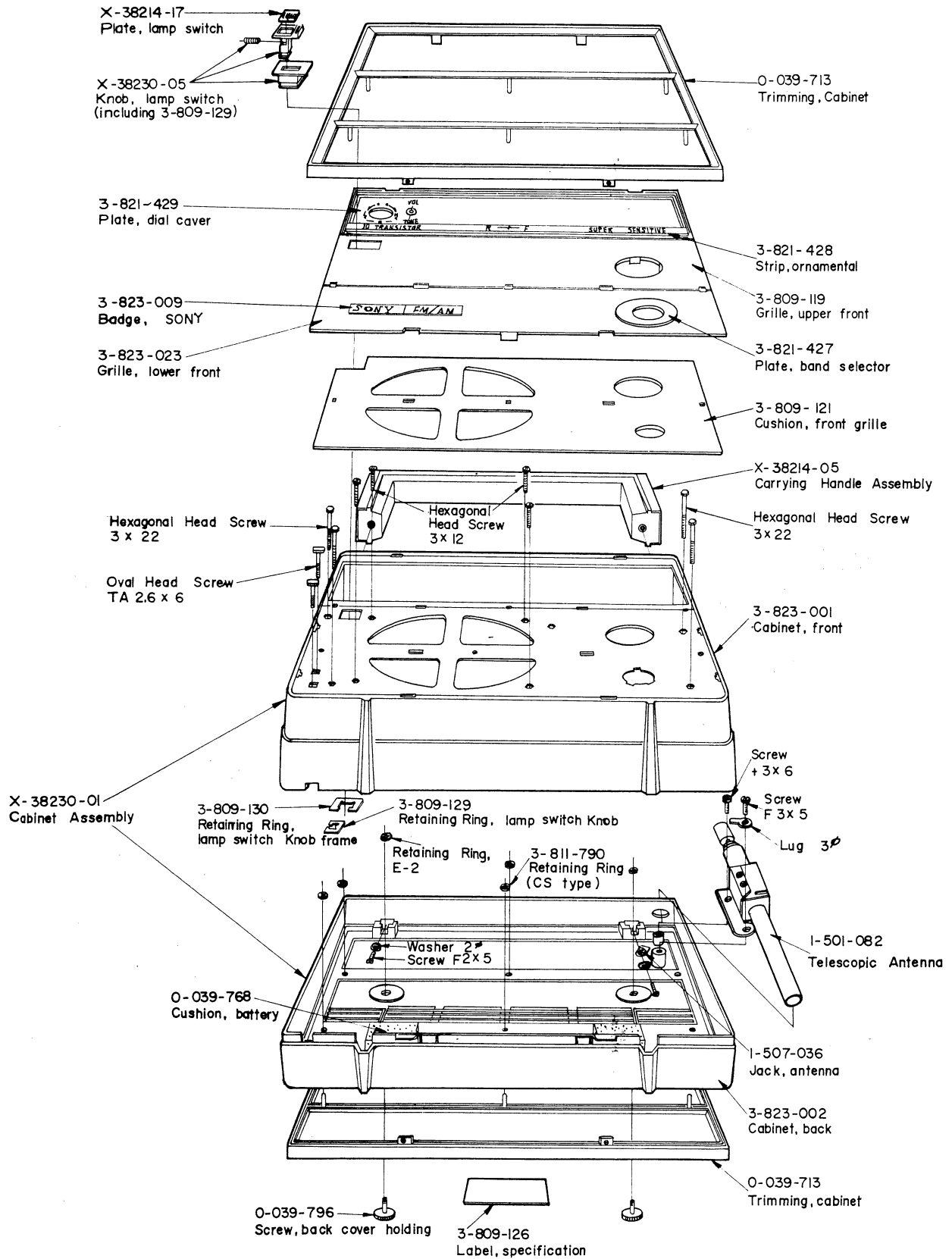
Exploded Diagram

—Chassis—



Exploded Diagram

--Cabinet--



Electrical Parts List

Part No.	Symbol	Description	Part No.	Symbol	Description
1-501-082-11	Tel. ANT	Antenna, telescopic		D ₃₀₁	Diode 1T240
1-401-216-11	L ₁₀₁	Coil, FM antenna		D ₃₀₂	" 1T23
1-425-162-11	L ₁₀₂	" FM RF		D ₃₀₃	" 1T26
1-405-282-11	L ₁₀₃	" Injection		D ₃₀₄	" 1T26
-135-11	L ₁₀₄	" FM oscillator		D ₃₀₅	" 1T240
1-401-277-13	L ₂₀₁	" MW ferrite bar antenna		D ₃₀₆	" 1T26
-286-11	L ₂₀₂	" SW ₁ antenna	8-690-004-00	Th ₂₀₁	Thermistor S250
-287-11	L ₂₀₃	" SW ₂ "	8-691-001-01	Th ₄₀₁	" CS120
1-425-232-11	L ₂₀₄	" MW RF			
-272-11	L ₂₀₅	" SW ₁ "			
-273-11	L ₂₀₆	" SW ₂ "			
1-405-275-11	L ₂₀₇	" MW oscillator	1-221-752-11	VR ₁	5KΩ Tone Control
-289-12	L ₂₀₈	" SW ₁ "		VR ₂	5KΩ Volume Control
-290-11	L ₂₀₉	" SW ₂ "	1-208-054-11	R ₁₀₁	7.5KΩ 1/10W Ceramic
1-407-050-11	L ₂₁₀	Inductor, micro 330μF	-059-11	R ₁₀₂	12KΩ " "
-050-11	L ₂₁₁	" 330μF	-026-11	R ₁₀₃	510Ω " "
-050-11	L ₃₀₁	" 330μF	-054-11	R ₁₀₄	7.5KΩ " "
-050-11	L ₃₀₂	" 330μF	-057-11	R ₁₀₅	10KΩ " "
-082-11	L ₃₀₃	" 10μF	-026-11	R ₁₀₆	510Ω " "
			-105-11	R ₁₀₇	47Ω " "
			-037-11	R ₁₀₈	1.5KΩ " "
			-039-11	R ₁₀₉	1.8KΩ " "
			-035-11	R ₁₁₀	1.2KΩ " "
1-403-231-11	IFT _{F101}	Transformer, FM IF signal tuned	1-201-868-11	R ₁₁₁	100KΩ 1/8W Composition
-243-15	IFT _{F301}	" "	1-208-145-11	R ₁₁₂	100KΩ 1/10W Ceramic
-244-15	IFT _{F302}	" "	1-240-517-11	R ₂₀₁	68KΩ 1/8W Carbon
-244-15	IFT _{F303}	" "	-465-11	R ₂₀₂	470Ω " "
-244-15	IFT _{F304}	" "	-497-11	R ₂₀₃	10KΩ " "
-244-15	IFT _{F305}	" "	-467-31	R ₂₀₄	560Ω " "
-272-15	IFT _{F306}	Discriminator (primary)	-484-31	R ₂₀₅	3KΩ " "
-273-15	IFT _{F307}	" (secondary)	-484-31	R ₂₀₆	3KΩ " "
-026-15	IFT _{A301}	Transformer, AM IF single tuned	-457-31	R ₂₀₇	220Ω " "
-110-15	IFT _{A302}	" "	-494-11	R ₂₀₈	7.5KΩ " "
-026-15	IFT _{A303}	" "	-464-11	R ₂₀₉	3KΩ " "
-110-15	IFT _{A304}	" "	-482-11	R ₂₁₀	2.4KΩ " "
1-423-100-11	T ₄₀₁	" driver	-487-11	R ₂₁₁	3.9KΩ " "
1-427-088-11	T ₄₀₂	" output	-473-11	R ₂₁₂	1KΩ " "
			1-244-469-11	R ₂₁₃	680Ω " "
1-507-011-11	J ₃₀₁	Jack, MPX out	-466-11	R ₂₁₄	510Ω " "
-011-11	J ₄₀₁	" AUX in	-457-11	R ₂₁₅	220Ω " "
-011-11	J ₄₀₂	" REC. out	1-240-462-11	R ₂₁₆	360Ω " "
-011-11	J ₄₀₃	" Earphone	-456-11	*R ₂₁₇	200Ω " "
-126-11	J ₄₀₄	" EXT power in	-480-11	R ₂₁₈	2KΩ " "
-036-11	EXT ANT	" AM EXT ANT	-457-31	R ₂₁₉	220Ω " "
	S ₀₀₁	Switch, AFC ON-OFF	-501-11	R ₃₀₁	15KΩ " "
1-514-250-12	S ₀₀₂	" AM DX/Local	-473-11	R ₃₀₂	1KΩ " "
	S ₀₀₃	" FM "	-506-11	R ₃₀₃	24KΩ " "
1-513-314-11	S ₂₀₁₋₂₁₂	" AM band setting	-457-11	R ₃₀₄	220Ω " "
-275-11	S ₃₀₁₋₃₀₈	" FM "	-528-31	R ₃₀₅	200KΩ " "
1-514-191-02	S ₄₀₁	" power ON-OFF	-465-31	R ₃₀₆	470Ω " "
-078-00	S ₄₀₂	" dial lamp	-513-11	R ₃₀₇	47KΩ " "
1-520-058-11	ME	Meter, tuning	-484-11	*R ₃₀₈	3KΩ " "
1-502-069-21	SP	Speaker, 8Ω	-473-11	R ₃₀₉	1KΩ " "
1-518-006-02	PL ₄₀₁	Lamp, dial	-457-11	R ₃₁₀	220Ω " "
	PL ₄₀₂	"	-467-11	R ₃₁₁	560Ω " "
1-528-001-01	Batt	Battery, 6V in total	-484-11	R ₃₁₂	3KΩ " "
			-443-31	R ₃₁₃	56Ω " "
	X ₁₀₁	Transistor 2SA455	-519-11	R ₃₁₄	82KΩ " "
	X ₁₀₂	" 2SA455	-449-11	R ₃₁₅	100Ω " "
	X ₁₀₃	" 2SA456	-457-31	R ₃₁₆	220Ω " "
	X ₂₀₁	" 2SC403	-506-11	R ₃₁₇	24KΩ " "
	X ₂₀₂	" 2SC401	-465-11	R ₃₁₈	470Ω " "
	X ₃₀₁	" 2SC403	-449-31	R ₃₁₉	100Ω " "
	X ₃₀₂	" 2SC403	-437-31	R ₃₂₀	33Ω " "
	X ₃₀₃	" 2SC403	-473-11	R ₃₂₁	1KΩ " "
	X ₃₀₄	" 2SC403	-473-11	R ₃₂₂	1KΩ " "
	X ₃₀₅	" 2SB379	-490-11	R ₃₂₃	5.1KΩ " "
	X ₄₀₁	" 2SC402	-531-11	R ₃₂₄	270KΩ " "
	X ₄₀₂	" 2SC401	-494-11	R ₃₂₅	7.5KΩ " "
	X ₄₀₃	" 2SB383	-494-11	R ₃₂₆	7.5KΩ " "
	X ₄₀₄	" 2SB383	-473-31	R ₃₂₇	1KΩ " "
	D ₁₀₁	Diode SD-111	-473-31	R ₃₂₈	1KΩ " "

* To be adjusted

Part No.	Symbol	Description	Part No.	Symbol	Description
1-240-441-31	R ₃₂₉	47Ω 1/8W Carbon	1-101-959-11	C ₂₁₅	10pF Ceramic
-477-11	R ₃₃₀	1.5KΩ " "	-959-11	C ₂₁₆	10pF "
-499-11	R ₃₃₁	12KΩ " "	-861-11	C ₂₁₇	15pF "
-503-11	R ₃₃₂	18KΩ " "	1-103-614-11	C ₂₁₈	360pF Styrol
-473-31	R ₃₃₃	1KΩ " "	-626-11	C ₂₁₉	1100pF "
1-221-634-12	*R ₃₃₄	1KΩ Adjustable	-637-11	C ₂₂₀	3300pF "
1-240-484-11	R ₃₃₅	3KΩ 1/8W Carbon	1-121-291-11	C ₂₂₁	100μF 6V Electrolytic
-497-11	R ₃₃₆	10KΩ " "	1-105-411-12	C ₂₂₂	0.01μF Mylar
1-221-631-12	*R ₃₃₇	100Ω Adjustable	1-101-141-11	C ₂₂₃	0.01μF Ceramic
1-240-485-11	R ₃₃₈	3.3KΩ 1/8W Carbon	-141-11	C ₃₀₁	0.01μF "
-506-11	R ₃₃₉	24KΩ " "	1-105-413-12	C ₃₀₂	0.022μF Mylar
-460-11	R ₃₄₀	300Ω " "	1-121-291-11	C ₃₀₃	100μF 6V Electrolytic
	R ₃₄₁	—deleted—	1-105-411-12	C ₃₀₄	0.01μF Mylar
1-240-506-11	R ₃₄₂	24KΩ 1/8W Carbon	C ₃₀₅	Built-in IFT _{A301}	
1-201-864-11	R ₄₀₁	5.6KΩ " Composition	C ₃₀₆	Built-in IFT _{F301}	
-872-11	R ₄₀₂	560Ω " "	C ₃₀₇	1pF Ceramyc	
-951-11	R ₄₀₃	20Ω " "	1-105-411-12	C ₃₀₈	0.01μF Mylar
1-202-113-11	R ₄₀₄	150KΩ " "	1-101-952-11	C ₃₀₉	2pF Ceramic
1-201-278-11	R ₄₀₅	30Ω " "	1-105-413-12	C ₃₁₀	0.022μF Mylar
-277-11	R ₄₀₆	300Ω " "	-413-12	C ₃₁₁	0.022μF "
-968-11	R ₄₀₇	51Ω " "	1-121-280-11	C ₃₁₂	5μF 12V Electrolytic
-650-11	R ₄₀₈	1.8KΩ " "	C ₃₁₃	Built-in IFT _{A302}	
-401-11	R ₄₀₉	2.2Ω 1/4W "	C ₃₁₄	Built-in IFT _{F302}	
-859-11	R ₄₁₀	360Ω 1/8W "	C ₃₁₅	12pF Ceramic	
-863-11	R ₄₁₁	2.2KΩ " "	C ₃₁₆	Built-in IFT _{A303}	
1-202-085-11	R ₄₁₂	56KΩ " "	C ₃₁₇	2pF Ceramic	
1-201-637-11	R ₄₁₃	1.1KΩ " "	1-103-608-11	C ₃₁₈	200pF Styrol
-862-11	R ₄₁₄	1KΩ " "	1-101-951-11	C ₃₁₉	1pF Ceramic
			1-105-411-12	C ₃₂₀	0.01μF Mylar
			-413-12	C ₃₂₁	0.022μF "
			C ₃₂₂	Built-in IFT _{A304}	
			C ₃₂₃	Built-in IFT _{F303}	
			C ₃₂₄	Built-in IFT _{F304}	
			C ₃₂₅	Built-in IFT _{F305}	
1-151-088-12	C _{V101-102}	Capacitor, FM tuning	1-101-955-11	C ₃₂₆	5pF Ceramic
-133-11	C _{T101-102}	Trimmer, 2 units (FM)	-955-11	C ₃₂₇	5pF "
	C _{V201-203}	Capacitor, AM tuning	1-103-601-11	C ₃₂₈	100pF Styrol
1-141-015-00	C _{T201-200}	Trimmer, 3 units ×3 (AM)	1-105-411-12	C ₃₂₉	0.01μF Mylar
1-151-134-11	C _{F201}	Capacitor, fine tuning (AM)	1-101-952-11	C ₃₃₀	2pF Ceramic
1-101-090-11	C ₁₀₁	25pF Ceramic	1-105-411-12	C ₃₃₁	0.01μF Mylar
-791-11	C ₁₀₂	70pF "	C ₃₃₂	Built-in IFT _{F306}	
-861-11	C ₁₀₃	15pF "	C ₃₃₃	200pF Styrol	
-028-11	C ₁₀₄	50pF "	C ₃₃₄	Built-in IFT _{F307}	
-951-11	C ₁₀₅	1pF "	C ₃₃₅	200pF Styrol	
-141-11	C ₁₀₆	0.01μF "	C ₃₃₆	200pF "	
-862-11	C ₁₀₇	18pF "	C ₃₃₇	10μF 12V Electrolytic	
-141-11	C ₁₀₈	0.01μF "	C ₃₃₈	0.047μF AloX	
-954-11	C ₁₀₉	4pF "	C ₃₃₉	0.022μF Mylar	
-141-11	C ₁₁₀	0.01μF "	C ₃₄₀	10μF 12V Electrolytic	
	C ₁₁₁	—deleted—	1-105-412-11	C ₃₄₁	0.015μF Mylar
1-101-871-11	C ₁₁₂	30pF Ceramic	-411-12	C ₃₄₂	0.01μF "
-141-11	C ₁₁₃	0.01μF "	-413-12	C ₃₄₃	0.022μF "
-953-11	C ₁₁₄	3pF "	-411-12	C ₃₄₄	0.01μF "
-861-11	C ₁₁₅	15pF "	1-101-864-11	C ₃₄₅	20pF Ceramic
-141-11	C ₁₁₆	0.01μF "	1-121-359-11	C ₃₄₆	500μF 6V Electrolytic
-961-11	C ₁₁₇	12pF "	-322-11	C ₃₄₇	50μF 6V "
1-105-821-12	C ₁₁₈	0.001μF Mylar	1-101-864-11	C ₃₄₈	20pF Ceramic
1-101-799-11	C ₁₁₉	2000pF Feed Through	1-121-282-11	C ₄₀₁	10μF 12V Electrolytic
-799-11	C ₁₂₀	2000pF "	C ₄₀₂	—deleted—	
-799-11	C ₁₂₁	2000pF "	C ₄₀₃	100μF 6V Electrolytic	
-959-11	C ₂₀₁	10pF Ceramic	C ₄₀₄	50μF 3V "	
-955-11	C ₂₀₂	5pF "	C ₄₀₅	100μF 6V "	
-959-11	C ₂₀₃	10pF "	C ₄₀₆	0.22μF Mylar	
1-105-413-12	C ₂₀₄	0.022μF Mylar	C ₄₀₇	0.0033μF "	
1-121-282-11	C ₂₀₅	10μF 12V Electrolytic	C ₄₀₈	100μF 6V Electrolytic	
1-105-411-12	C ₂₀₆	0.01μF Mylar	C ₄₀₉	50μF 3V "	
-413-12	C ₂₀₇	0.022μF "	C ₄₁₀	0.1μF AloX	
1-101-955-11	C ₂₀₈	5pF Ceramic	C ₄₁₁	0.001μF Mylar	
-959-11	C ₂₀₉	10pF "	1-127-022-11	C ₄₁₂	0.5μF AloX
-871-11	C ₂₁₀	30pF "			
1-105-411-12	C ₂₁₁	0.01μF Mylar			
-411-12	C ₂₁₂	0.01μF "			
-411-12	C ₂₁₃	0.01μF "			
-413-12	C ₂₁₄	0.022μF "			

* To be adjusted

SONY CORPORATION

Serial No. 45,001 and after

TFM-1000W

No. 2

PRODUCTION CHANGE

(Change of Former Service Manual at Page 10 and 11)

Former Type

Serial No. Up to 45,000

Part No.	Description	Q'ty
X-38230-02-2	Chassis Ass'y	1
-01-1	Cabinet Ass'y	1
3-823-001-01	Cabinet, front	1
-002-02	" , back	1
3-998-001-03	Battery Cylinder	1
0-039-796-00	Screw, back cover holding	2

New Type

Serial No. 45,001 and After

Part No.	Description	Q'ty
X-38230-12-2	Chassis Ass'y	1
-15-1	Cabinet Ass'y	1
3-823-071-01	Cabinet, front	1
-042-02	" , back	1
3-998-010-04	Battery Cylinder	1
7-621-661-66	Screw, back cover holding	2

Additional

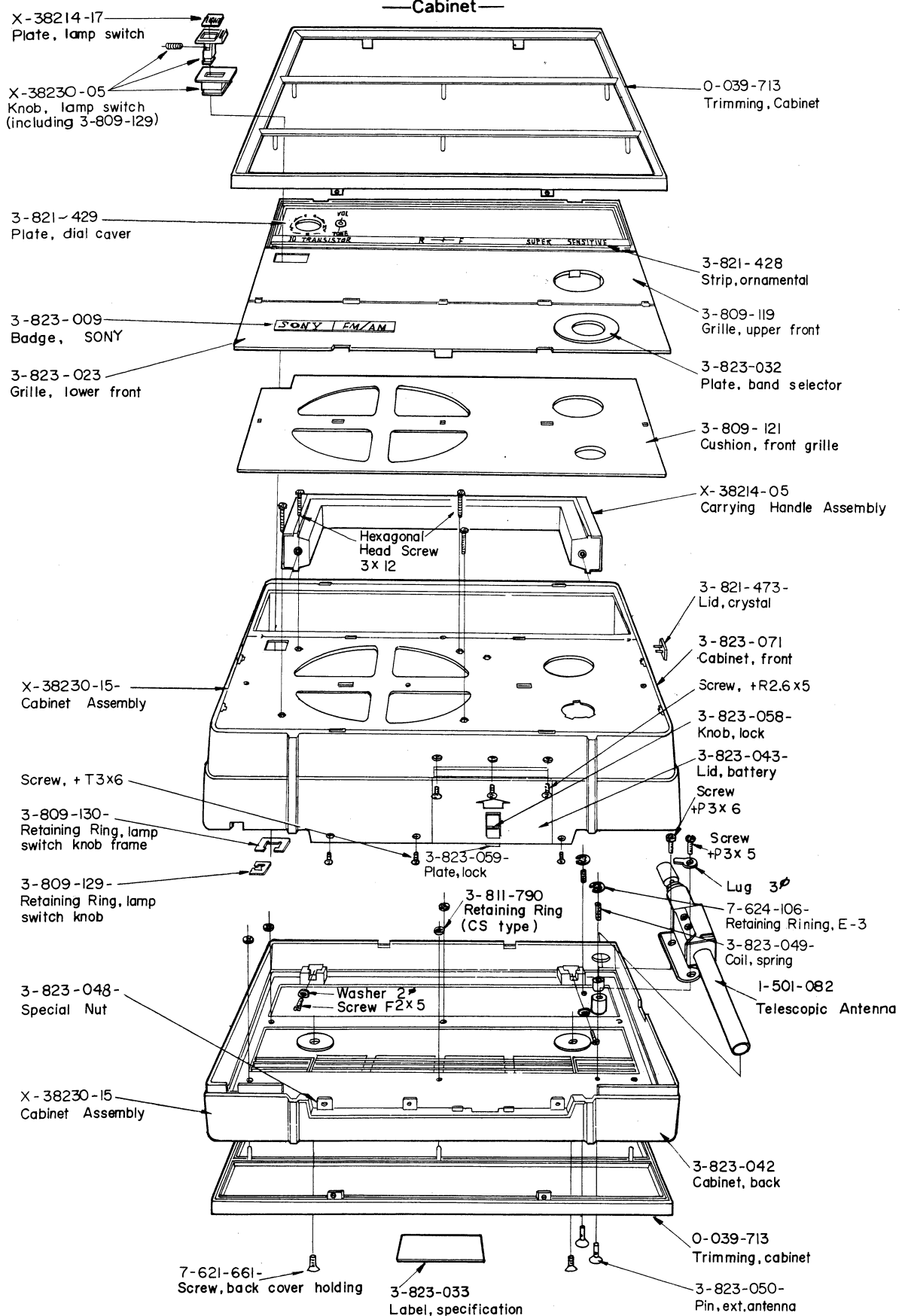
Part No.	Description	Q'ty
3-823-043-01	Lid, battery	1
-048-02	Special Nut	3
-049-01	Coil, spring	2
-050-01	Pin, ext. antenna	2
-058-02	Knob, lock	1
-059-01	Plate, lock	1
-060-02	Spring, lock	1
-061-01	Washer, lock	1
3-821-473-03	Crystal Lid	1
7-621-461-46	Screw, machine +T 3×6	3
-721-61	" , tapping +R 2.6×5	3
-722-41	" , tapping +R 3×6	5
7-624-106-01	Retaining Ring, E-3	2

Deleted

Part No.	Description	Q'ty
0-039-768-00	Cushion	2
3-822-948-01	Screw, TA2.6×6	2
7-621-999-03	" , hexagonal 3×12	4
-999-33	" , hexagonal 3×22	5
7-622-107-02	Nut, 2.6φ	2
-108-02	" , 3φ	5
1-507-036-02	Jack, antenna	1

SONY®
SERVICE MANUAL

Exploded Diagram



Exploded Diagram

